

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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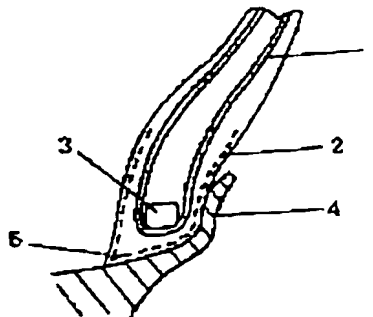
APPLICATION DATE : 12-04-94  
APPLICATION NUMBER : 06073080

APPLICANT : BRIDGESTONE CORP;

INVENTOR : AKIYAMA MAIJI;

INT.CL. : B60C 15/06 B29D 30/38

TITLE : TIRE USING FABRIC FOR IMPROVED  
CHAFER



ABSTRACT : PURPOSE: To prevent the damage of a toe part at the time of rim assembly and rim rubbing wear damage during travel by disposing an organic fiber reinforced member, formed of cord fabric woven of specified warp and wool formed of spun yarn, into wheel rim flange shape from the tire internal wall side of a bead part surface layer to the external wall side.

CONSTITUTION: A carcass ply cord 1 is wound up around bead wire 3 outward from the inside of a tire, and an organic fiber reinforced member 2 is disposed along the outline of a tire bead part and partially along the inner surface shape of a rim flange 4. The organic fiber reinforced member 2 is formed of cord fabric formed by doubling 5-20 filaments of 20-70 denier and twisting this 20 times/10cm or less to form warp of 500 denier or less in the doubled sum and weaving this warp with hand spun cotton yarn of 300 denier or less as wool with the count of 5 pieces/5cm or less. The tip of a bead toe part is thereby covered with reinforcing material, so that the bead toe part is prevented from being damaged at the time of rim assembly, and maneuvering stability and charged internal pressure holding performance can be improved.

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